RA-RNTI CALCULATION FOR MULTI-PRACH TRANSMISSIONS

ABSTRACT

The present disclosure provides communication apparatuses and communication methods for random access radio network temporary identifier (RA-RNTI) calculation for multi-physical Random Access Channel (multi-PRACH) transmissions. The communication apparatuses include a communication apparatus comprising: a transmitter, which in operation, transmits a preamble in at least one of a plurality of Random Access Channel occasions (ROs) of a first RO group; and a receiver, which in operation, receives downlink control information (DCI) with cyclic redundancy check (CRC) scrambled by one or more random access radio network temporary identifier (RA-RNTI) candidates, the one or more RA-RNTI candidates being determined based on at least one of the plurality of ROs.

Fig. 20